

STOCKPILE ABATEMENT ISSUES

Presented by

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At

TIRE PILE CLEAN UP FORUM

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IDENTIFIED ISSUES

- EVALUATING CONTRACTOR QUALIFICATIONS
- SITE PRIORITIZATION

CONTRACTOR QUALIFICATIONS

- COMPANY HISTORY
 - PREVIOUS NAMES
 - AFFILIATED COMPANIES
 - ORGANIZATIONAL CHART
 - SUBCONTRACTORS
- COMPANY FINANCIAL CAPABILITIES
 - BONDING
 - INSURANCE

QUALIFICATIONS

(CONTINUED)

- EXPERIENCE
 - COMPARABLE SITES
 - VERIFIED
- EQUIPMENT
 - RETRIEVAL
 - TRANSPORT
 - PROCESSING

QUALIFICATIONS

(CONTINUED)

- PRODUCTS/MARKETS
 - VOLUMES
 - SPECIFICATIONS
 - CONTRACTUAL BASIS
- WASTES
 - PROJECTED VOLUMES
 - METHODS

QUALIFICATIONS

(CONTINUED)

- PERSONNEL
 - DIRECTLY ASSIGNED
 - SUPPORT
- AVAILABILITY
 - START
 - REMOVAL RATE

QUALIFICATION

(CONTINUED)

- PAST PERFORMANCE
 - INDEPENDENT
 - VERIFIED
- COST/PRICE
 - PER TON OR PER JOB

PRIORITIZATION

1. OBJECTIVE
EVALUATION
2. MAXIMIZE
RESOURCES
3. MINIMIZE POLITICAL
INTERFERENCE

CRITICAL FACTORS

- WATER
- AIR
- POPULATION
- QUANTITY

WATER IMPACT

ISSUE - PROBABILITY
THAT OIL AND RESIDUAL
ASH WILL CONTAMINATE
SURFACE OR SUBSURFACE
WATER

- MAJOR FACTORS
 - PILE DEPTH/CHARACTERISTICS
 - SOIL CHARACTERISTICS
 - WATER TABLE/AQUAFER
 - SITE DRAINAGE
 - SURFACE WATER PROXIMITY

AIR IMPACT

- ISSUE - IMPACT OF FIRE PLUME ON RESIDENTS, BUSINESSES, AND REGIONAL AIR QUALITY
- MAJOR FACTORS
 - HIGH ELEVATION AERIAL PHOTOS
 - GROUND OBSERVATIONS
 - PREVAILING WIND DIRECTION
 - PILE CHARACTERISTICS
 - PERIMETER IMPACT
(1/2 AND 5 MILE)

POPULATION IMPACT

- ISSUE – IMPACT OF EXISTING STOCKPILE ON AREA RESIDENTS
- FACTORS
 - POPULATION PROXIMITY
 - MOSQUITO SPECIES
 - IDENTIFIED LOCAL/REGIONAL MOSQUITO-BORNE DISEASES
 - RODENT/SNAKE INFESTATION
 - PILE CHARACTERISTICS

STOCKPILE QUANTITY

- ISSUE – CONTROLS
OVERALL MAGNITUDE OF
RISK
- REQUIRED – ACCURATE
ESTIMATE

METHODOLOGY

- ASSIGN 1 – 10 FACTOR TO AIR, WATER AND POPULATION FACTORS
- ESTABLISH QUANTITY MULTIPLIERS BASED REASONABLE RANGES
- ADD INDIVIDUAL FACTORS AND MULTIPLY BY QUANTITY FACTOR

IMPLEMENTATION CONSIDERATIONS

- MANY POSSIBLE VARIATIONS,
BUT REMEMBER THE “KISS”
PRINCIPLE
- HAVE SAME PEOPLE CONDUCT
OR REVIEW THE RANKINGS
- GROUP SITES BY RANKING
BREAKS FOR ABATEMENT
ACTION